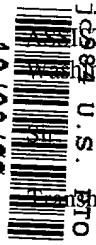


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12/29/00  
  
 STANT COMMISSIONER FOR PATENTS  
 Washington, DC 20231

JCP18 US PRO  
 09/752292  
 12/29/00

Transmitted herewith for filing is the patent application of

Inventor(s): Tim Olson, Ulf Osterberg, Dennis Healy, and Seung Choi

For: ELECTROMAGNETIC MATCHED FILTER BASED MULTIPLE ACCESS COMMUNICATIONS SYSTEMS

Also enclosed are:

7 Sheets of drawings

Recordation Form Cover Sheet - Patents Only and an Assignment of the invention to \_\_\_\_\_

Postcard and Express Mail Certification

The filing fee has been calculated as shown below:

	NO. OF CLAIMS FILED		NO. OF CLAIMS FROM BASIC FEE	NO. OF EXTRA CLAIMS
TOTAL	37	-	20 =	17
INDEP.	3	-	3 =	0
First presentation of multiple dependent claim				

SMALL ENTITY

RATE	BASIC FEE \$355.
x 9 =	\$
x40 =	\$
+135 =	\$

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RATE	BASIC FEE \$710.
x18 =	\$306
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OR  
TOTAL FEE \$        OR \$1016.00

Checks in the amount of \$621.00, \$40.00 and \$355.00 are enclosed to cover the official filing fee for a large entity.

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Please charge my Deposit Account No. 13-3405 in the amount of \$       . A duplicate copy of this sheet is enclosed.

In regard to this communication, the Commissioner is hereby authorized to charge payment of any additional filing fees required under 37 CFR §1.16 and any additional patent application processing fees under 37 CFR §1.17 or credit any overpayment to Deposit Account No. 13-3405. A duplicate copy of this sheet is enclosed.

During the pendency of this application, the Commissioner is hereby authorized to charge payment of any filing fees for presentation of extra claims under 37 CFR §1.16 and any patent application processing fees under 37 CFR §1.17 or credit any overpayment to Deposit Account No. 13-3405. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Art Unit : 36th Floor  
Examiner : 1600 Market Street  
Serial No. : Philadelphia, PA 19103  
Filed : Herewith  
Inventors : Tim Olson  
: Ulf Osterberg  
: Dennis Healy  
: Seung Choi  
Title : ELECTROMAGNETIC MATCHED  
: FILTER BASED MULTIPLE ACCESS  
: COMMUNICATIONS SYSTEMS

Docket: 1575-00

JC918 U.S. PTO  
09/752392  
12/29/00

Dated: December 29, 2000

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**Box Patent Application**

Assistant Commissioner for Patents  
Washington, DC 20231

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**EXPRESS MAIL CERTIFICATION**

**37 C.F.R. §1.10**

Express Mail Label No.: EL618696543US

Date of Deposit: December 29, 2000

Description of Contents: Postcard, \$621.00 Check, \$40.00 Check, \$355.00 Check, Application Transmittal Letter, in duplicate, Specification including Claims and Abstract, and 7 Sheets of Drawings.

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR §1.10 on the date indicated above and is addressed to **Box Patent Application**, Assistant Commissioner for Patents, Washington, DC 20231.

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